

2020 Air Toxics Emission Inventory Emission Information Form

Emission Source ID	If this source is listed on your Air Quality Permit to Construct/Operate, please use the same ID as used in the Emission Source Table. If this does not currently appear in your Emission Source Table, please create an ID for it.													
Emission Source Description	This can be the same as listed in the Emission Source Table of your Permit to Construct/Operate. You may add more detail if you like.													
Control Device Description or Number	This device only should be listed with the pollutant if it controls the pollutant. The description or the number can be the same as listed in the Emission Source Table of your Permit to Construct/Operate. You may add more detail if you like.													
Emission Stack Type	The physical configuration of the release point. Valid configurations are: <table><tr><td>FUGITIVE -</td><td>Emissions are released inside a building with no forced air exhaust. This also is appropriate for emissions generated by outdoor activities, such as leaks from joints and valves, abrasive blasting, and emissions from loading containers.</td></tr><tr><td>VERTICAL -</td><td>Forced air exhaust stacks pointed straight toward the sky with no cap or obstruction.</td></tr><tr><td>HORIZONTAL -</td><td>Forced air exhaust stack pointed 90" from vertical, or a forced air exhaust coming through the wall of the building.</td></tr><tr><td>GOOSE NECK -</td><td>Vertical forced air exhaust stack with a 45" angle.</td></tr><tr><td>VERTICAL WITH RAIN CAP -</td><td>Vertical forced air exhaust stack with a cap atop the stack deflecting emissions.</td></tr><tr><td>DOWNWARD-FACING VENT -</td><td>Forced air exhaust that directs emissions toward the ground.</td></tr></table>		FUGITIVE -	Emissions are released inside a building with no forced air exhaust. This also is appropriate for emissions generated by outdoor activities, such as leaks from joints and valves, abrasive blasting, and emissions from loading containers.	VERTICAL -	Forced air exhaust stacks pointed straight toward the sky with no cap or obstruction.	HORIZONTAL -	Forced air exhaust stack pointed 90" from vertical, or a forced air exhaust coming through the wall of the building.	GOOSE NECK -	Vertical forced air exhaust stack with a 45" angle.	VERTICAL WITH RAIN CAP -	Vertical forced air exhaust stack with a cap atop the stack deflecting emissions.	DOWNWARD-FACING VENT -	Forced air exhaust that directs emissions toward the ground.
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Pollutant Name	Name of the pollutant, or group of pollutants, being emitted and identified in this record. Any individual or grouped pollutants should appear in the spreadsheet <i>Pollutantlist.xlsx</i> on the MCAQ web site. Each pollutant from each point or process should be listed on a separate line.													

Actual Pounds per Year Emitted The actual, annual emission rate of this pollutant from this emission source in pounds.

Calculation Method Code Numeric representation of method used to determine emissions of this pollutant:

- 01 CEMS - CONTINUOUS EMISSION MONITORING SYSTEM
- 02 ENGINEERING JUDGEMENT
- 03 MATERIAL BALANCE
- 04 STACK TEST
- 05 EPA SPECIATION PROFILE
- 06 STATE/LOCAL SPECIATION PROFILE
- 07 MANUFACTURER SPECIFICATION
- 08 EPA EMISSION FACTOR
- 09 STATE/LOCAL EMISSION FACTOR
- 10 SITE SPECIFIC EMISSION FACTOR
- 11 VENDER EMISSION FACTOR
- 12 TRADE GROUP EMISSION FACTOR

EXAMPLE

Emission Source (as identified in your current Permit to Construct/Operate)		Control Device Description or Number	Emission Stack Type	Pollutant Name	Actual Pounds per Year Emitted	Calculation Method Code
ID	Description					
<i>LH-1</i>	<i>Hood used to exhaust fumes from adhesive application process.</i>	<i>005</i>	<i>Horizontal</i>	<i>Arsenic & Compounds (Inorganic including Arsine)</i>	<i>0.1000</i>	<i>09</i>

REMINDERS

Submit supporting documentation This includes, but is not limited to, emission estimation, and control efficiency per pollutant. If you want to see what information MCAQ already has relative to your facility, visit our online database at <http://epicweb.mecklenburgcountync.gov/Source/Sites/SiteSearch.aspx>. There, you may enter your site name or premise number (last 3 digits of permit number) to view activity records, previous emissions data, permits, etc.

Emission Inventory Due Date This TAP/HAP Emission Inventory and your annual report both are due **April 30, 2021**, for emissions that occurred during 2020. We encourage you to consolidate the documentation and reporting; however, it will be a violation if either part of the reporting (annual or TAP/HAP) is not submitted by the deadline.

Other Reporting Requirements If your facility is subject to monthly or semi-annual reporting, those reports must be submitted on their regular schedules to avoid enforcement action.